
Sequence Listing was accepted with existing errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Wed Jun 06 19:20:04 EDT 2007

Validated By CRFValidator v 1.0.2

Application No: 10664341 Version No: 2.1

Input Set:

Output Set:

Started: 2007-06-06 19:19:55.525 **Finished:** 2007-06-06 19:19:57.042

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 517 ms

Total Warnings: 107

No. of SeqIDs Defined: 107

Actual SeqID Count: 107

Total Errors:

Error code		Error Description									
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(1)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(2)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(3)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(4)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(5)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(6)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(7)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(8)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(9)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(10)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(11)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(12)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(13)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(14)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(15)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(16)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(17)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(18)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(19)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(20)

Input Set:

Output Set:

Started: 2007-06-06 19:19:55.525 Finished: 2007-06-06 19:19:57.042

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 517 ms

Total Warnings: 107 Total Errors: 0 No. of SeqIDs Defined: 107

Actual SeqID Count: 107

Error code **Error Description**

This error has occured more than 20 times, will not be displayed 251 W Found intentionally skipped sequence in SEQID (67) 251 W Found intentionally skipped sequence in SEQID (82) 251 Found intentionally skipped sequence in SEQID (83) W W 251 Found intentionally skipped sequence in SEQID (84) 251 W Found intentionally skipped sequence in SEQID (85) 251 W Found intentionally skipped sequence in SEQID (86) 251 W Found intentionally skipped sequence in SEQID (87) 251 W Found intentionally skipped sequence in SEQID (88)

SEQUENCE LISTING

```
<110> Zdanovsky, Alexey
      Zdanovskaia, Marina
      Ma, Dongping
      Wood, Keith V.
      Almond, Brian
      Wood, Monika G.
      Promega Corporation
<120> Rapidly Degraded Reporter Fusion
 Proteins
<130> 341.021US1
<140> US 10/664,341
<141> 2003-09-16
<150> US 60/411,070
<151> 2002-09-16
<150> US 60/412,268
<151> 2002-09-20
<160> 107
<170> FastSEQ for Windows Version 4.0
<210> 1
<211> 28
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 1
                                                                         28
attaatctga tcaataaagg gtttaagg
<210> 2
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 2
aaaaaggtag tggactgtcg
                                                                         20
<210> 3
<211> 30
<212> DNA
<213> Artificial Sequence
```

<220>

<223> A synthetic primer

```
<400> 3
                                                                         30
ctagatttat ttatttattt cttcatatgc
<210> 4
<211> 30
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 4
                                                                         30
aattgcatat gaagaaataa ataaataaat
<210> 5
<211> 71
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 5
aattgggaat taaaacagca ttgaaccaag aagcttggct ttcttatcaa ttctttgtga
                                                                         60
cataataagt t
                                                                         71
<210> 6
<211> 67
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
aacttattat gtcacaaaga attgataaga aagccaagct tcttggttca atgctgtttt
                                                                         60
                                                                         67
aattccc
<210> 7
<211> 39
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic mutant mODC PEST sequence
<400> 7
His Gly Phe Pro Pro Glu Met Glu Glu Gln Ala Ala Gly Thr Leu Pro
                 5
                                     10
Met Ser Cys Ala Gln Glu Ser Gly Met Asp Arg His Pro Ala Ala Cys
Ala Ser Ala Arg Ile Asn Val
        35
<210> 8
<211> 61
```

```
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 8
aatteteatg getteeegee ggagatggag gageaggetg etggeaeget geeeatgtet
                                                                         60
                                                                          61
<210> 9
<211> 65
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 9
gtgcccagga gagcgggatg gaccgtcacc ctgcagcctg tgcttctgct aggatcaatg
                                                                         60
tgtaa
                                                                          65
<210> 10
<211> 63
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 10
ggccttacac attgatccta gcagaagcac aggctgcagg gtgacggtcc atcccgctct
                                                                         60
                                                                          63
cct
<210> 11
<211> 63
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 11
gggcacaaga catgggcagc gtgccagcag cctgctcctc catctccggc gggaagccat
                                                                         60
gag
                                                                          63
<210> 12
<211> 16
<212> PRT
<213> Artificial Sequence
<223> A synthetic CL1 sequence
<400> 12
Ala Cys Lys Asn Trp Phe Ser Ser Leu Ser His Phe Val Ile His Leu
1
                 5
                                     10
                                                          15
```

```
<210> 13
<211> 57
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic oligonucleotide
<400> 13
aattcaagtg gatcacgaag tggctcaagc tgctgaacca gttcttgcag gcagaca
                                                                        57
<210> 14
<211> 57
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic oligonucleotide
<400> 14
aatttgtctg cctgcaagaa ctggttcagc agcttgagcc acttcgtgat ccacttg
                                                                         57
<210> 15
<211> 120
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic optimized PEST sequence
<400> 15
cacggettee etecegaggt ggaggageag geegeeggea eeetgeeeat gagetgegee
                                                                         60
caggagagcg gcatggatag acaccctgct gcttgcgcca gcgccaggat caacgtctaa
                                                                        120
<210> 16
<211> 25
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 16
                                                                         25
agatctgcga tctaagtaag cttgg
<210> 17
<211> 26
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 17
actctagaat tcacggcgat ctttcc
                                                                         26
```

```
<210> 18
<211> 40
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 18
ggcgaagctt gggtcacctc caaggtgtac gaccccgagc
                                                                         40
<210> 19
<211> 38
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 19
gctctagaat gaattctgct cgttcttcag cacgcgct
                                                                         38
<210> 20
<211> 37
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 20
tagcatggtc acccagattt tcgtgaaaac ccttacg
                                                                         37
<210> 21
<211> 34
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 21
atgctaggtg accggatccc gcggataacc acca
                                                                         34
<210> 22
<211> 58
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 22
                                                                         58
ccatgggaca tcatcaccat caccacgggg atccacaagc ttatgaagaa attagcaa
<210> 23
<211> 39
```

```
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 23
                                                                         39
ttctggatcc cgcggtatac caccacgaag actcaacac
<210> 24
<211> 39
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 24
                                                                         39
ttctggatcc cgcggcatac caccacgaag actcaacac
<210> 25
<211> 39
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 25
ttctggatcc cgcggctcac caccacgaag actcaacac
                                                                         39
<210> 26
<211> 118
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 26
tatgggccct taatacgact cactataggg gaattgtgag cggataacaa ttcccctcta
                                                                         60
gaaataattt tgtttaactt taagaaggag atataccatg cagattttcg tgaaaacc
                                                                        118
<210> 27
<211> 43
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
ttttggcgtc ggtgaccgga tcccgcggtc gaccaccacg aag
                                                                         43
<210> 28
<211> 43
```

<212> DNA

```
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 28
ttttggcgtc ggtgaccgga tcccgcggtg caccaccacg aag
                                                                         43
<210> 29
<211> 43
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 29
                                                                         43
ttttggcgtc ggtgaccgga tcccgcgggt taccaccacg aag
<210> 30
<211> 43
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 30
                                                                         43
ttttggcgtc ggtgaccgga tcccgcggat caccaccacg aag
<210> 31
<211> 43
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 31
                                                                         43
ttttggcgtc ggtgaccgga tcccgcggga aaccaccacg aag
<210> 32
<211> 43
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 32
                                                                         43
ttttggcgtc ggtgaccgga tcccgcggat gaccaccacg aag
<210> 33
<211> 43
<212> DNA
<213> Artificial Sequence
```

```
<220>
<223> A synthetic primer
<400> 33
ttttggcgtc ggtgaccgga tcccgcgggt gaccaccacg aag
                                                                         43
<210> 34
<211> 43
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 34
ttttggcgtc ggtgaccgga tcccgcggga gaccaccacg aag
                                                                         43
<210> 35
<211> 43
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 35
ttttggcgtc ggtgaccgga tcccgcggct taccaccacg aag
                                                                         43
<210> 36
<211> 43
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 36
                                                                         43
ttttggcgtc ggtgaccgga tcccgcggtt gaccaccacg aag
<210> 37
<211> 43
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 37
                                                                         43
ttttggcgtc ggtgaccgga tcccgcggcc aaccaccacg aag
<210> 38
<211> 37
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
```

<400> 38	
gtttttggcg tcggtgacct caccaccacg aagactc	37
<210> 39	
<211> 37	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> A synthetic primer	
V2205 II Bynchecte primer	
<400> 39	
gagtettegt ggtggtgagg teacegaege caaaaae	37
<210> 40	
<211> 24	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> A synthetic primer	
<400> 40	
gttccaggaa ccagggcgta tctc	24
<210> 41	
<211> 24	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> A synthetic primer	
<400> 41	
cgcggaggag ttgtgtttgt ggac	24
<210> 42	
<211> 41	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> A synthetic primer	
<400> 42	
ggcgaagctt gggtcaccga tgctaagaac attaagaagg g	41
ggegaageee gggeeaeega egeeaagaae aceaagaagg g	
<210> 43	
<211> 33	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> A synthetic primer	
<400> 43	

```
gctctagaat gaattcacgg cgatcttgcc gcc
                                                                         33
<210> 44
<211> 27
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
< 400 > 44
                                                                         27
agctagcgag gctggatcgg tcccggt
<210> 45
<211> 27
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 45
                                                                         27
gattaatggc cctttcgtcc tcgagtt
<210> 46
<211> 174
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 46
gcttgcaaga actggttcag tagcttaagc cactttgtga tccaccttaa cagccacggc
                                                                         60
                                                                       120
ttccctcccg aggtggagga gcaggccgcc ggcaccctgc ccatgagctg cgcccaggag
ageggeatgg atagacacce tgetgettge geeagegeea ggateaacgt etag
                                                                        174
<210> 47
<211> 936
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic optimized Renilla luciferase DNA
<400> 47
                                                                         60
atggetteca aggtgtaega eeeegageaa egeaaaegea tgateaetgg geeteagtgg
tgggctcgct gcaagcaaat gaacgtgctg gactccttca tcaactacta tgattccgag
                                                                        120
                                                                        180
aagcacgccg agaacgccgt gatttttctg catggtaacg ctgcctccag ctacctgtgg
                                                                        240
aggcacgtcg tgcctcacat cgagcccgtg gctagatgca tcatccctga tctgatcgga
atgggtaagt ccggcaagag cgggaatggc tcatatcgcc tcctggatca ctacaagtac
                                                                        300
                                                                        360
ctcaccgctt ggttcgagct gctgaacctt ccaaagaaaa tcatctttgt gggccacgac
tggggggett gtctggcctt tcactactcc tacgagcacc aagacaagat caaggccatc
                                                                        420
                                                                        480
gtccatgctg agagtgtcgt ggacgtgatc gagtcctggg acgagtggcc tgacatcgag
gaggatatcg ccctgatcaa gagcgaagag ggcgagaaaa tggtgcttga gaataacttc
                                                                        540
                                                                        600
ttcgtcgaga ccatgctccc aagcaagatc atgcggaaac tggagcctga ggagttcgct
gcctacctgg agccattcaa ggagaagggc gaggttagac ggcctaccct ctcctggcct
                                                                        660
```

```
cgcgagatcc ctctcgttaa gggaggcaag cccgacgtcg tccagattgt ccgcaactac
                                                                       720
                                                                       780
aacgectace ttegggeeag egacgatetg cetaagatgt teategagte egaceetggg
ttcttttcca acgctattgt cgagggagct aagaagttcc ctaacaccga gttcgtgaag
                                                                       840
                                                                       900
gtgaagggcc tccacttcag ccaggaggac gctccagatg aaatgggtaa gtacatcaag
                                                                       936
agcttcgtgg agcgcgtgct gaagaacgag cagtaa
<210> 48
<211> 1653
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic optimized firefly luciferase DNA
<400> 48
atggccgatg ctaagaacat taagaagggc cctgctccct tctaccctct ggaggatggc
                                                                        60
accyctggcg agcagctgca caaggccatg aagaggtatg ccctggtgcc tggcaccatt
                                                                       120
                                                                       180
gccttcaccg atgcccacat tgaggtggac atcacctatg ccgagtactt cgagatgtct
gtgcgcctgg ccgaggccat gaagaggtac ggcctgaaca ccaaccaccg catcgtggtg
                                                                       240
tgctctgaga actctctgca gttcttcatg ccagtgctgg gcgccctgtt catcggagtg
                                                                       300
                                                                       360
gccgtggccc ctgctaacga catttacaac gagcgcgagc tgctgaacag catgggcatt
teteageeta eegtggtgtt egtgtetaag aagggeetge agaagateet gaaegtgeag
                                                                       420
                                                                       480
aagaagctgc ctatcatcca gaagatcatc atcatggact ctaagaccga ctaccagggc
                                                                       540
ttccagagca tgtacacatt cgtgacatct catctgcctc ctggcttcaa cgagtacgac
ttcgtgccag agtctttcga cagggacaaa accattgccc tgatcatgaa cagctctggg
                                                                       600
                                                                       660
tetaceggee tgeetaaggg egtggeeetg ceteategea eegeetgtgt gegettetet
cacgcccgcg accctatttt cggcaaccag atcatccccg acaccgctat tctgagcgtg
                                                                       720
                                                                       780
gtgccattcc accacggett eggeatgtte accaccetgg getacetgat ttgeggettt
cgggtggtgc tgatgtaccg cttcgaggag gagctgttcc tgcgcagcct gcaagactac
                                                                       840
                                                                       900
aaaattcagt ctgccctgct ggtgccaacc ctgttcagct tcttcgctaa gagcaccctg
                                                                       960
ategacaagt acgacetgte taacetgeae gagattgeet etggeggege eecaetgtet
aaggaggtgg gegaageegt ggeeaagege ttteatetge eaggeateeg eeagggetae
                                                                      1020
                                                                      1080
ggcctgaccg agacaaccag cgccattctg attaccccag agggcgacga caagcctggc
                                                                      1140
gccgtgggca aggtggtgcc attcttcgag gccaaggtgg tggacctgga caccggcaag
                                                                      1200
accetgggag tgaaccageg eggegagetg tgtgtgegeg geeetatgat tatgteegge
tacgtgaata accetgagge cacaaacgee etgategaca aggaeggetg getgeaetet
                                                                      1260
ggcgacattg cctactggga cgaggacgag cacttcttca tcgtggaccg cctgaagtct
                                                                      1320
ctgatcaagt acaagggcta ccaggtggcc ccagccgagc tggagtctat cctgctgcag
                                                                      1380
caccctaaca ttttcgacgc cggagtggcc ggcctgcccg acgacgatgc cggcgagctg
                                                                      1440
                                                                      1500
cctgccgccg tcgtcgtgct ggaacacggc aagaccatga ccgagaagga gatcgtggac
tatgtggcca gccaggtgac aaccgccaag aagctgcgcg gcggagtggt gttcgtggac
                                                                      1560
gaggtgccca agggcctgac cggcaagctg gacgcccgca agatccgcga gatcctgatc
                                                                      1620
                                                                      1653
aaggctaaga aaggcggcaa gatcgccgtg taa
<210> 49
<211> 1653
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic optimized mutant firefly luciferase
      DNA
<400> 49
atggccgatg ctaagaacat taagaagggc cctgctccct tctaccctct ggaggatggc
                                                                        60
                                                                       120
accyctygcy agcayctyca caagyccaty aagagytaty ccctygtycc tygcaccatt
gccttcaccg atgcccacat tgaggtggac atcacctatg ccgagtactt cgagatgtct
                                                                       180
```

```
gtgcgcctgg ccgaggccat gaagaggtac ggcctgaaca ccaaccaccg catcgtggtg
                                                                       300
tgctctgaga actctctgca gttcttcatg ccagtgctgg gcgccctgtt catcggagtg
                                                                       360
gccgtggccc ctgctaacga catttacaac gagcgcgagc tgctgaacag catgggcatt
teteageeta eegtggtgtt egtgtetaag aagggeetge agaagateet gaaegtgeag
                                                                       420
aagaagctgc ctatcatcca gaagatcatc atcatggact ctaagaccga ctaccagggc
                                                                       480
ttccagagca tgtacacatt cgtgacatct catctgcctc ctggcttcaa cgagtacgac
                                                                       540
                                                                       600
ttcgtgccag agtctttcga cagggacaaa accattgccc tgatcatgaa cagctctggg
                                                                       660
tctaccggcc tgcctaaggg cgtggccctg acccatcgca acgcctgtgt gcgcttctct
cacgcccgcg accctatttt cggcaaccag atcatccccg acaccgctat tctgagcgtg
                                                                       720
gtgccattcc accacggctt cggcatgttc accaccctgg gctacctgat ttgcggcttt
                                                                       780
                                                                       840
cgggtggtgc tgatgtaccg cttcgaggag gagctgttcc tgcgcagcct gcaagactac
aaaattcagt ctgccctgct ggtgccaacc ctgttcagct tcttcgctaa gagcaccctg
                                                                       900
ategacaagt acgacctgtc taacctgcac gagattgcct ctggcggcgc cccactgtct
                                                                       960
aaggaggtgg gegaageegt ggecaagege ttteatetge caggeateeg ceagggetae
                                                                      1020
                                                                      1080
qqcctqaccq aqacaaccaq cqccattctq attaccccaq aqqqcqacqa caaqcctqqc
gccgtgggca aggtggtgcc attcttcgag gccaaggtgg tggacctgga caccggcaag
                                                                     1140
                                                                     1200
accetgggag tgaaccageg eggegagetg tgtgtgegeg geeetatgat tatgteegge
                                                                      1260
tacgtgaata accetgagge cacaaacgee etgategaca aggaeggetg getgeactet
ggcgacattg cctactggga cgaggacgag cacttettea tegtggaceg cetgaagtet
                                                                    1320
ctgatcaagt acaagggcta ccaggtggcc ccagccgagc tggagtctat cctgctgcag
                                                                      1380
                                                                   1440
caccctaaca ttttcgacgc cggagtggcc ggcctgcccg acgacgatgc cggcgagctg
                                                                     1500
cctgccgccg tcgtcgtgct ggaacacggc aagaccatga ccgagaagga gatcgtggac
                                                                      1560
tatgtggcca gccaggtgac aaccgccaag aagctgcgcg gcggagtggt gttcgtggac
gaggtgccca agggcctgac cggcaagctg gacgcccgca agatccgcga gatcctgatc
                                                                     1620
aaggctaaga aaggcggcaa gatcgccgtg taa
                                                                      1653
<210> 50
<211> 28
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 50
                                                                        28
gattaatggc cctttcgtcc ttcgagtt
<210> 51
<211> 27
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
<400> 51
                                                                        27
agctagcgag gctggatcgg tcccggt
<210> 52
<211> 30
<212> DNA
<213> Artificial Sequence
<220>
<223> A synthetic primer
```

<400> 52

240

ctagatttat ttatttattt cttcatatgc	30
<210> 53	
<211> 30	
<212> DNA	
<213> Artificial Sequence	
•	
<220>	
<223> A synthetic primer	
<400> 53	
aattgcatat gaagaaataa ataaataaat	30
<210> 54	
<211> 28	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> A synthetic primer	
<400> 54	
attaatctga tcaataaagg gtttaagg	28
v010. FF	
<210> 55	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> A synthetic primer	
The state of the s	
<400> 55	
aaaaaggtag tggactgtcg	20
<210> 56	
<211> 71	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> A synthetic primer	
<400> 56	
aattgggaat taaaacagca ttgaaccaag aagcttggct ttcttatcaa ttctttgtga	60
cataataagt t	71
<210> 57	
<211> 67	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> A synthetic primer	
<400> 57	
aacttattat gtcacaaaga attgataaga aagccaagct tcttggttca atgctgtttt	60

aattcc	ec	67
<210>	58	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	A synthetic primer	
<400>	58	
gatctç	gegge egeatatatg	20
<210>	59	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	A synthetic primer	
<400>	59	
gtgacc	catat atgcggccgc a	21
<210>	60	
<211>	57	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	A synthetic primer	
<400>	60	

aatttgtctg cctgcaagaa ctgg